

NOTICE OF OPPORTUNITY FOR PUBLIC COMMENT for Burlington County Resource  
Recovery Complex

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DRAFT TITLE V OPERATING PERMIT SIGNIFICANT MODIFICATION

Program Interest (PI): 45949 / Permit Activity Number: BOP10001

The New Jersey State Department of Environmental Protection (NJDEP) is seeking public comment on its intent to approve an air pollution control Operating Permit Significant Modification for this facility pursuant to the provisions of Title V of the Federal Clean Air Act, the federal rules promulgated at 40 CFR 70, and the state regulations promulgated at N.J.A.C. 7:27-22.

## **I. FACILITY INFORMATION**

Burlington County Resource Recovery Complex is located at 21939 Columbus Road, Mansfield, NJ 08022 Burlington County and consists of municipal solid waste landfill, composting facility, and greenhouse and landfill gas to energy facility. The facility is owned and operated by Burlington County Board of Chosen Freeholders.

The facility is classified as a major facility based on its potential to emit 119.4 tons per year of volatile organic compounds (VOC), 109.4 tons per year of nitrogen oxides (NO<sub>x</sub>), 384 tons per year of carbon monoxide (CO) and 4,004 tons per year of methane to the atmosphere.

This permit allows individual hazardous air pollutant to be emitted at a rate to not exceed: 0.356 Tons per year of Benzene.

## **II. BACKGROUND AND HISTORY**

The facility's current operating permit was approved on January 2, 2013. Please refer to the attached explanation sheet for the structure and configuration of conditions of approval, included in the Facility Specific Requirements section of this permit. This modification would allow the following changes to the facility's approved operating permit:

- Installation of a new gas conditioning system (Venture system) as a pre-treatment device in the landfill gas stream prior to the LFG engines for removal of siloxanes.
- The Emission Unit U30 has been renamed as "Five (5) LFG Engines with a Gas Conditioning System and a Temperature Swing Adsorber (TSA) System".
- Installation of a new enclosed flare CD9 (Flare No. 6) and a new emission point (PT46) were added at U30-OS16, and OS26 in the operating permit.
- Update N.J.A.C.7:27-19 requirement in U4-OS1.

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This modification will also change the allowable emission limits for the significant source operations as listed in the following table:

Allowable Emission Limits	Facility's Potential Emissions from all Significant Source Operations (tons per year)										
	VOC (total)	NO <sub>x</sub>	CO	SO <sub>2</sub>	TSP (total)	Other (total)	PM <sub>10</sub> (total)	PM <sub>2.5</sub> (total)	Pb	HAPs (total)	CO <sub>2</sub> e (total)
Current Permit	119.4	108.3	382	52.0	35.0	4004	31.2	15.5	N/A	0.356	7,658,075
Proposed Permit	119.4	109.4	384	52.4	35.4	4004	31.7	16.0	N/A	0.356	7,658,075
Change (+ / -)	0	+1.1	+2.0	+0.40	+0.50	0	+0.50	+0.50	N/A	0	0

VOC Volatile Organic Compounds

NO<sub>x</sub> Nitrogen Oxides

CO Carbon Monoxide

SO<sub>2</sub> Sulfur Dioxide

TSP Total Suspended Particulates

Other Any other air contaminant regulated under the Federal Clean Air Act

PM<sub>10</sub>

Particulates under 10 microns

PM<sub>2.5</sub>

Particulates under 2.5 microns

Pb

Lead

HAPs

Hazardous Air Pollutants

CO<sub>2</sub> e

Carbon Dioxide equivalent

### **III. EMISSION OFFSET REQUIREMENTS**

This modification is not subject to Emission Offset requirements.

### **IV. FACILITY'S COMPLIANCE STATUS**

The Responsible Official at the facility has certified that the facility currently meets all applicable requirements of the Federal Clean Air Act and the New Jersey Air Pollution Control Act. Based on this certification, the Department's evaluation of the information included in the facility's application, and a review of the facility's compliance status, the Department has concluded that this air pollution control operating permit should be approved. Prior to the expiration of the Operating Permit's five-year term, the facility will be required to apply for a renewal, at which time the Department will evaluate the facility and issue a public notice with its findings.

### **V. PUBLIC COMMENTS AND CONTACT INFORMATION**

This public notice, the statement of basis, and the draft permit have been posted at the Air Quality Permitting website: <http://www.state.nj.us/dep/agpp/publicnotices.htm>. The draft permit is also available for inspection at NJDEP/Air Quality Permitting Program, 401 E State Street, Trenton, NJ 08625 and at the Central Regional Field Office located at 22 South Clinton Avenue, P.O. Box 420 Trenton, NJ 08625-0420 phone number 609-292-3187. You may inspect the permit application and any supporting materials at the Trenton location by calling Yaso Sivaganesh at 609-984-6349.

All persons, including the applicant, who believe that any condition of the draft Air Pollution Operating Permit or the Department's tentative decision to approve this permit is inappropriate, must raise all reasonable issues of concern and submit all arguments and factual grounds or materials supporting their position during the public comment period. Any comments on this draft permit and/or a request for public hearing must be received within thirty days of the date of this notice and addressed to Yaso Sivaganesh. NJDEP/Air Quality Permitting Program, 401 E State Street, 2nd Floor, PO Box 420, Mail Code 401-02, Trenton, NJ 08625-0420.

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In accordance with N.J.A.C. 7:27-22.11(f), any person may request that the Department hold a public hearing on the draft permit. A request for a public hearing shall be submitted, in writing, within thirty days of the date of this notice to the Department at the Trenton address listed above. The request for public hearing shall include a statement of issues to be discussed at the public hearing. The statement of issues shall be relevant to the draft permit under review by the Department.

The Department will consider and respond to all written and timely submitted comments. The applicant, and each person, who submitted written comments, will receive a notice of the Department's final decision regarding the Operating Permit modifications and a copy of the Response to Comment document.